

ABSTRACT OF THE DISCLOSURE

In an evaporated fuel processing apparatus, a fuel tank is communicated with a canister via a vapor passage. A canister temperature sensor is disposed around a purge port of the canister for detecting a temperature of the canister. When a large quantity of gas is supplied upon supply of the fuel to flow from the fuel tank to the canister, the peak value of the canister temperature is detected. The fuel adsorbing state within the canister is estimated on the basis of the canister temperature obtained subsequent to detection of the peak value.